Every model in Hager’s line of exit devices is designed and engineered to assure you and your customers years and years of superior performance. Hager exit devices use fewer moving parts and are constructed with high-quality features--like die cast caps on our lifetime warranty 4500 Series, and die cast head covers on all our models. All Hager exit devices meet UL specifications for panic devices and are fire rated for up to three hours.

You’ll also find that Hager exit devices were designed with ease of installation in mind. We package our exit devices for convenience and versatility, with thru-bolts included for every model, slotted strikes, non-handed designs, plus escutcheon trim available in four functions (dummy, blank, entry and night latch).
Hager 4500 Series Grade 1 exit device is designed and engineered for superior performance—using fewer moving parts and constructed with die cast caps and head covers. Our 4500 Series exit device is BHMA certified, UL listed for up to three hours, meets UL specifications for panic hardware, is severe windstorm resistant approved, and is backed by a lifetime warranty.

SVR stainless steel top and bottom latches 1/2” (13 mm) pullman type

3/4” (18 mm) dead latching, stainless steel, Pullman type latchbolt

Extruded aluminum construction

Stainless steel push bar cover
**GENERAL INFORMATION**

Hager 4500 Series Grade 1 exit device meets Life Safety codes and Fire Safety requirements providing a perfect fit for use in commercial office buildings, medical and educational facilities, as well as hospitality structures.

The 4500 Series is BHMA-Certified to the requirements of ANSI 156.3 for Grade 1 exit devices and is UL 305 Panic Listed and UL and cUL Listed for up to 3 hour rated fire doors for both rim and surface vertical rod.

These devices have also met the requirements of ANSI A250.13 to be listed as a Severe Windstorm Component. The 4500 Series exit device offers a lifetime warranty to provide peace of mind from the distributors to the building owner.

**Installation Made Easy**

For the convenience of our customers, Hager Companies has introduced some new features to the exit device market.

- Thru-bolts are included with every model. Wood and machine screws are also provided standard in every package.
- Slotted strikes speed up installation, allowing the installer to make easy adjustments to align the latch to the strike.
- Non-handed device offers added versatility and means less inventory.
- Escutcheon trim, with the locking mechanism built inside, reduces door preparation by requiring fewer holes in the door.

**Shim Kits**

Shim kits are available for devices on doors with glass bead kits or other interfacing moldings. Each kit contains two 1/8” (3.2 mm) shims and the appropriate longer fasteners.

**Cylinder Dogging**

Cylinder dogging is available to replace the standard hex key dogging on panic exit devices. Specify CD on order or purchase 4926 for retrofit applications. Unit requires 1-1/8” mortise cylinder (part number 3902) with standard cam.

**Sizing**

The exit device is cut for 36” (914 mm) and 48” (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches. The surface vertical rod devices are supplied for an 84” (2134 mm) opening standard, but can be ordered for a 96” (2438 mm) opening. Extension rods are available to accommodate openings taller than 96” (2438 mm) and up to 120” (3048 mm).

**Applications**

*Single Door*

*Double Door with Mullion*

*Double Door (2 SVR Devices)*

*Double Door (SVR x Rim)*

<table>
<thead>
<tr>
<th>Trim Functions</th>
<th>Part Number</th>
<th>Function Description</th>
<th>ANSI Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank Escutcheon</td>
<td>45BE</td>
<td>Always operable (Passage)</td>
<td>14</td>
</tr>
<tr>
<td>Cylinder Escutcheon</td>
<td>45CE</td>
<td>Key locks or unlocks lever</td>
<td>08</td>
</tr>
<tr>
<td>Dummy</td>
<td>45DT 45PD</td>
<td>Pull when device is dogged down</td>
<td>02</td>
</tr>
<tr>
<td>Night Latch</td>
<td>45NL 45PN</td>
<td>Key retracts latchbolt</td>
<td>03</td>
</tr>
</tbody>
</table>
## HOW TO ORDER

### 4501  RIM  F  36”  US3  1-3/4”  ELR

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
<th>Finish</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIM - Rim Device</td>
<td>36”</td>
<td>US3</td>
<td>1-3/4”</td>
</tr>
<tr>
<td>SVR - Surface Vertical Rod</td>
<td>48”</td>
<td>US4</td>
<td>2”</td>
</tr>
<tr>
<td>LBR - Surface Vertical Rod Less Bottom Rod</td>
<td>36” x 84”</td>
<td>US10</td>
<td>2-1/2”</td>
</tr>
<tr>
<td></td>
<td>36” x 96”</td>
<td>US10B</td>
<td>2-1/2”</td>
</tr>
<tr>
<td></td>
<td>48” x 84”</td>
<td>US26</td>
<td>3”</td>
</tr>
<tr>
<td></td>
<td>48” x 96”</td>
<td>US26D</td>
<td></td>
</tr>
<tr>
<td></td>
<td>48” x 120”</td>
<td>US32D</td>
<td></td>
</tr>
</tbody>
</table>

### Electric Modifications
- ALK - Alarm Kit
- ALT - Alarm Kit w/ Tamper Switch
- ALM - Alarm Kit w/ Latch Monitor
- ALL - Alarm Kit w/ Tamper Switch and Latch Monitor
- ELR - Electric Latch Retraction
- ELRX - Electric Latch Retraction with Request to Exit
- RX - Request to Exit
- ED - Electric Dogging
- EDRX - Electric Dogging with Request to Exit

### Notes:
1. Fire Rated LBR devices must be ordered in pairs of vertical rod devices and with a spring loaded fire latch to ensure the device’s fire rating.

### HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

### 45  CE  ARC  US3  1-3/4”  EL24

<table>
<thead>
<tr>
<th>Trim/Function</th>
<th>Lever Style</th>
<th>Finish</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE - Cylinder Escutcheon</td>
<td>ARC - Archer</td>
<td>US3</td>
<td>1-3/4”</td>
</tr>
<tr>
<td>BE - Blank Escutcheon</td>
<td>AUG - August</td>
<td>US4</td>
<td>2”</td>
</tr>
<tr>
<td>NL - Night Latch</td>
<td>WTN - Withnell</td>
<td>US10</td>
<td>2-1/2”</td>
</tr>
<tr>
<td>DT - Dummy Trim</td>
<td></td>
<td>US10B</td>
<td>3”</td>
</tr>
<tr>
<td>PD - Pull Plate Dummy Trim</td>
<td></td>
<td>US26</td>
<td></td>
</tr>
<tr>
<td>PN - Pull Plate Night Latch</td>
<td></td>
<td>US26D</td>
<td></td>
</tr>
<tr>
<td>ET - Electrified Trim</td>
<td></td>
<td>US32D*</td>
<td></td>
</tr>
</tbody>
</table>

### Options
- EL24 - Fail Safe, 24 Volt
- EL12 - Fail Safe, 12 Volt
- EU24 - Fail Secure, 24 Volt
- EU12 - Fail Secure, 12 Volt
- TW - Tactile Warning

### Notes:
1. Mortise cylinder 3902 is required for use with cylinder escutcheon and is sold separately.
2. Rim cylinder with long tailpiece 3901 is required for use with night latch trim and is sold separately.
3. For more cylinder information, please refer to general information in the Locks section of the catalog.
4. If using shim kit, specify total door thickness including shims.

*US32D only available for pull plate trim (45PD, 45PN), not available in standard escutcheon trims (45BE, 45CE, 45DT, 45NL).
EXIT DEVICES

4500 Series
Grade 1
Rim Device
Ideal for heavy duty commercial applications

- Lifetime warranty
- Thru-bolts supplied standard

Applications: Heavy duty commercial
Certifications: • BHMA Certified ANSI A156.3
• UL/cUL Listed for up to 3 hours for "A" label doors
• UL10C/UBC 7-2 (1997) Positive Pressure Rated
• UL10B Neutral Pressure Rated
• UL305 Listed for panic hardware
• ANSI A250.13 Severe Windstorm Resistant Component (requires use of windstorm reinforcing bracket, 2-649-0154, on Rim device)
• Complies with ANSI 117.1 for accessible buildings and facilities
• Hex dogging feature standard on non-fire labeled doors

Trim: • Archer, August, or Withnell Lever with escutcheon
• Pull plate trim
• Rim cylinder x optional pull

Covers: Stainless steel, zinc

Chassis: Aluminum

End Caps: Zinc

Door Width: • 36” (914 mm) field sizeable to 30” (762 mm) door (Exceptions: ELR, ED, DE minimum is 36”)
• 48” (1219 mm) field sizeable to 36” (914 mm) door

Door Thickness: 1-3/4” (44 mm) - Standard

Projection: • 3” (76 mm) in undogged position
• 2-5/8” (67 mm) in dogged position

Stile Width: • 5-3/8” (137 mm) - Minimum stile width required for single door and 5/8” (16 mm) stop
• 4-7/8” (124 mm) - Minimum stile width required for double door x surface vertical rod with double door strike
• 5-3/4” (146 mm) - Minimum stile width required for double doors with 2” (51 mm) mullion
• All stile widths are measured from door edge

Fasteners: • Wood and machine screws
• Thru-bolts

Latchbolt: 3/4” (19 mm) throw, pullman type with automatic dead-latching, stainless steel

Strikes: • Stainless steel with plated rollers - Included standard with panic devices
• Solid stainless steel - Included standard with fire rated devices
• Surface applied to frame with slotted holes for easy adjustment
• Double door strike for use with surface vertical rod and rim device available


Notes: • Cylinder dogging available on non-fire rated devices, specify CD
• 3902 1-1/8” (29 mm) mortise cylinder sold separately
• Recommended to be used on appropriately reinforced doors
### 4500 Series

**Grade 1**  
**Surface Vertical Rod Device**  
Ideal for heavy duty commercial applications

- Lifetime warranty  
- Thru-bolts supplied standard

#### Applications:
- Heavy duty commercial

#### Certifications:
- BHMA Certified ANSI A156.3
- UL/cUL Listed for up to 3 hours for “A” label doors up to 10’ (3048 mm) in height
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL108 Neutral Pressure Rated
- UL305 Listed for Panic Hardware
- ANSI A250.13 Severe Windstorm Resistant Component
- Complies with ANSI 117.1 for accessible buildings and facilities
- Hex dogging feature standard on non-fire labeled doors

#### Trim:
- Archer, August, or Withnell Lever with escutcheon
- Pull plate trim
- Rim cylinder x optional pull

#### Covers:
- Stainless steel, Zinc

#### Chassis:
- Aluminum

#### End Caps:
- Zinc

#### Door Width:
- 36” (914 mm) field sizeable to 30” (762 mm) door (Exceptions: ELR, ED, DE minimum is 36”)
- 48” (1219 mm) field sizeable to 36” (914 mm) door

#### Door Height:
- 7’ (2134 mm) - Standard  
- 8’ (2438 mm) - Optional  
- 10’ (3048 mm) - Optional

#### Door Thickness:
- 1-3/4” (44 mm) - Standard

#### Projection:
- 3” (76 mm) in undogged position  
- 2-5/8” (67 mm) in dogged position

#### Stile Width:
- 5-3/8” (137 mm) - Minimum stile width required for single door and 5/8” (16 mm) stop  
- 7-1/4” (184 mm) - Minimum stile width required for double doors  
- 4-7/8” (124 mm) - Minimum stile width required for double door x Rim Device with double door strike  
- All stile widths are measured from door edge

#### Fasteners:
- Wood and machine screws  
- Thru-bolts

#### Latchbolt:
- Top - 1/2” (13 mm) throw, pullman type with automatic dead-latching, stainless steel  
- Bottom - 1/2” (13 mm) throw, pullman type, held retracted during door swing, stainless steel

#### Rod Length:
- Rods for 7’ (2134 mm) door - Standard  
- Rods for 8’ (2438 mm) door - Optional  
- Rods for 10’ (3048 mm) door - Optional  
- Door height of 6’ 8” (2032 mm) requires 29-1/4” (743 mm) top rod length  
- Door height of 7’ (2134 mm) requires 33-1/4” (845 mm) top rod length  
- Door height of 8’ (2438 mm) requires 45-1/4” (1149 mm) top rod length  
- Extension rods available, 2’ (610 mm) or 3’ (914 mm) for doors over 7’ (2134 mm)

#### Strikes:
- Stainless steel with plated rollers - Included standard with panic devices  
- Solid stainless steel - Included standard with fire rated devices  
- 10’ (3048 mm) fire rated device requires strike and hook kit, 4912, for top strike  
- Surface applied to frame with slotted holes for easy adjustment  
- Double door strike for use with surface vertical rod and rim device available

#### Finishes:

#### Notes:
- Cylinder dogging available on non-fire rated devices, specify CD  
- 3902 1-1/8” (29 mm) mortise cylinder sold separately  
- Recommended to be used on appropriately reinforced doors
**EXIT DEVICES**

**4500 Series**

**Grade 1**

Surface Vertical Rod Device Less Bottom Rod

Ideal for heavy duty commercial applications

- Lifetime warranty
- Thru-bolts supplied standard

**Applications:** Heavy duty commercial

**Certifications:**
- BHMA Certified ANSI A156.3
- UL/cUL Listed for up to 3 hours for "A" label doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware
- Complies with ANSI 117.1 for accessible buildings and facilities
- Hex dogging feature standard on non-fire labeled doors

**Trim:**
- Archer, August, or Withnell Lever with escutcheon
- Pull plate trim
- Rim cylinder x optional pull

**Covers:** Stainless steel, Zinc

**Chassis:** Aluminum

**End Caps:** Zinc

**Door Width:**
- 36" (914 mm) field sizeable to 30" (762 mm) door
- 48" (1219 mm) field sizeable to 36" (914 mm) door

**Door Height:**
- 7’ (2134 mm) - Standard
- 8’ (2438 mm) - Optional
- 10’ (3048 mm) - Optional (panic device only)

**Door Thickness:**
- 1-3/4" (44 mm) - Standard

**Projection:**
- 3” (76 mm) in undogged position
- 2-5/8" (67 mm) in dogged position

**Stile Width:**
- 5-3/8” (137 mm) - Minimum stile width required for single door and 5/8” (16 mm) stop
- 4-7/8” (124 mm) - Minimum stile width required for double doors
- 4-7/8” (124 mm) - Minimum stile width required for double door x Rim device with double door strike
- All stile widths are measured from door edge

**Fasteners:**
- Wood and machine screws
- Thru-bolts

**Latchbolt:**
- Top - 1/2” (13 mm) throw, pullman type with automatic dead-latching, stainless steel

**Rod Length:**
- Rods for 7’ (2134 mm) door - Standard
- Rods for 8’ (2438 mm) door - Optional
- Door height of 6’ 8” (2032 mm) requires 29-1/4” (743 mm) top rod length
- Door height of 7’ (2134 mm) requires 33-1/4” (845 mm) top rod length
- Door height of 8’ (2438 m) requires 45-1/4” (1149 mm) top rod length
- Extension rods available, 2’ (610 mm) or 3’ (914 mm) for doors over 7” (2134 mm)

**Strikes:**
- Stainless steel with plated rollers - Included standard for panic devices
- Solid stainless steel - Included standard with fire rated devices
- Surface applied to frame with slotted holes for easy adjustment
- Double door strike for use with surface vertical rod and rim device available


**Notes:**
- Cylinder Dogging available on non-fire rated devices, specify CD
- 3902 1-1/8” (29 mm) mortise cylinder sold separately
- Recommended to be used on appropriately reinforced doors
- Hole plug for head cover included standard
- Fire rated LBR devices must be ordered in pairs of vertical rod devices and with a spring loaded fire latch, 2-649-0166, to ensure the device's fire rating
**EXIT DEVICES**

**4500 Series - Electric Exit Devices**
Rim and Surface Vertical Rod Devices and Trim

Heavy duty commercial

- Lifetime warranty on exit body only
- One-year warranty on electric components
- Thru-bolts supplied standard

Certifications:
- BHMA Certified ANSI A156.3 Grade 1
- UL/cUL Listed for up to three hours for "A" label doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware
- ANSI A250.13 Severe Windstorm Resistant Component (requires the use of windstorm reinforcement bracket, 2-649-0154, on Rim device)

Minimum Door Width: 36" (914 mm) for electric latch retraction and electric dogging
Door Thickness: 1-3/4" (45 mm) standard

<table>
<thead>
<tr>
<th>Function</th>
<th>Function Number</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric Latch Retraction</td>
<td>ELR*</td>
<td>Provides a remote means of locking or unlocking exit devices.</td>
</tr>
<tr>
<td>Electric Latch Retraction with Request to Exit</td>
<td>ELRX*</td>
<td>Provides a remote means of locking or unlocking exit devices along with a switch for tying into an alarm system, magnetic locks, or a console.</td>
</tr>
<tr>
<td>Electric Dogging</td>
<td>ED*</td>
<td>Provides continuous latch retraction and dogging simultaneously.</td>
</tr>
<tr>
<td>Electric Dogging with Request to Exit</td>
<td>EDRX*</td>
<td>Provides continuous latch retraction and dogging simultaneously along with a switch for tying into an alarm system, magnetic locks, or a console.</td>
</tr>
<tr>
<td>Request to Exit</td>
<td>RX</td>
<td>Used to shunt an alarm, activate an alarm, provide release of magnetic locks, or signal a control console.</td>
</tr>
<tr>
<td>Alarm Kit</td>
<td>ALK*</td>
<td>Battery operated alarm to discourage unauthorized use of an opening while maintaining a means of egress.</td>
</tr>
<tr>
<td>Electric Trim - Fail Safe</td>
<td>EL</td>
<td>Lever continuously locked electrically. Unlocked by key outside, by switch, or by a power failure. Push bar side always free for immediate egress.</td>
</tr>
<tr>
<td>Electric Trim - Fail Secure</td>
<td>EU</td>
<td>Lever continuously locked until unlocked electrically or by key. Push bar side always free for immediate egress.</td>
</tr>
</tbody>
</table>

* Not available with mechanical dogging.

Notes: 1. Fail Safe (EL) and Fail Secure (EU) available in 12 and 24 volt, must specify.
2. Latch monitor and tamper switch available with ALK

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2901</td>
<td>For use with 4500 Series electric latch retraction</td>
</tr>
<tr>
<td>2902</td>
<td>For use with 4500 Series electric latch retraction in a day/night mode of operation</td>
</tr>
<tr>
<td>2903</td>
<td>Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls, card reader, keypads, and other door controls</td>
</tr>
<tr>
<td>2904</td>
<td>Provides power and control for openings with an electrified locking device and automatic door operator</td>
</tr>
</tbody>
</table>

Note: Must use Hager 2901 or 2902 to power electric latch retraction.
EXIT DEVICES

4500 SERIES ESCUTCHEON TRIM

45BE
Blank Escutcheon
Function: 14 - Always operable (passage)
Levers: Archer, August, Withnell
Projection: 2-13/16” (71 mm) for Archer; 2-7/8” (73 mm) for August; 2-11/16” (68 mm) for Withnell
Escutcheon: 2-7/8” x 10-3/4” (73 mm x 273 mm)

45CE
Cylinder Escutcheon
Function: 08 - Key locks or unlocks lever
Levers: Archer, August, Withnell (clutching lever)
Projection: 2-13/16” (71 mm) for Archer; 2-7/8” (73 mm) for August; 2-11/16” (68 mm) for Withnell
Escutcheon: 2-7/8” x 10-3/4” (73 mm x 273 mm)
Cylinder: Mortise cylinder, 3902, sold separately

45DT
Dummy Trim
Function: 02 - Pull when device is dogged down
Levers: Archer, August, Withnell
Projection: 2-13/16” (71 mm) for Archer; 2-7/8” (73 mm) for August; 2-11/16” (68 mm) for Withnell
Escutcheon: 2-7/8” x 10-3/4” (73 mm x 273 mm)

45NL
Night Latch
Function: 03 - Key retracts latchbolt
Levers: Archer, August, Withnell (rigid lever)
Projection: 2-13/16” (71 mm) for Archer; 2-7/8” (73 mm) for August; 2-11/16” (68 mm) for Withnell
Escutcheon: 2-7/8” x 10-3/4” (73 mm x 273 mm)
Cylinder: Rim cylinder, 3901, with long tailpiece sold separately
4500 SERIES ESCUTCHEON TRIM - LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

4500 SERIES PULL PLATE TRIM

45PD
Dummy Trim
Function: 02 - Pull when device is dogged down
Projection: 1-3/4” (44 mm)
Escutcheon Plate: 3” x 14” (76 mm x 356 mm)
Pull CTC: 5-1/2” (140 mm)

45PN
Night Latch
Function: 03 - Key retracts latchbolt
Projection: 1-3/4” (44 mm)
Escutcheon Plate: 3” x 14” (76 mm x 356 mm)
Pull CTC: 5-1/2” (140 mm)
EXIT DEVICES

4500 SERIES STRIKES

4915
**Threshold Strike**
Optional strike for use with surface vertical rod exit device and saddle threshold
Finishes: US32D

4920
**Strike**
Included standard with 4500 Series Rim exit device
Finishes: US32D

4920F
**Fire Rated Strike**
Included standard with 4500 Series Rim exit device
Finishes: US32D

4921
**Double Door Strike**
Optional strike to be used with 4500 Series Surface Vertical Rod and Rim exit device

4923
**Top Strike**
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D

4923F
**Fire Rated Top Strike**
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D

4924
**Bottom Strike**
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D

4924F
**Fire Rated Bottom Strike**
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D
4500 SERIES ACCESSORIES

4926 Cylinder Dogging Conversion Kit
Packaging: One (1) each dogging plate, cylinder collar, cash box nut
Notes: Mortise cylinder, 3902, sold separately
Specify 36” (914 mm) or 48” (1219 mm)

4927 Bottom Latch Assembly
For use with 4500 Series Surface Vertical Rod exit device
Description: 1/2” (13 mm) throw, pullman type, held retracted during door swing, stainless steel
Packaging: One (1) bottom latch with cover and appropriate fasteners

4928 Top Latch Assembly
For use with 4500 Series Surface Vertical Rod exit device
Description: 1/2” (13 mm) throw, pullman type, held retracted during door swing, stainless steel
Packaging: One (1) top latch with cover and appropriate fasteners

4929 Top Rod Replacement Kit
For use with 4500 Series Surface Vertical Rod exit device
Packaging: One (1) each 45-1/4” (1149 mm) rod, rod guide, rod connector, and appropriate fasteners

4926 Cylinder Dogging Conversion Kit
Packaging: One (1) each dogging plate, cylinder collar, cash box nut
Notes: Mortise cylinder, 3902, sold separately
Specify 36” (914 mm) or 48” (1219 mm)

4930S Shim Kits
For use with 4500 Series Rim exit devices where a glass bead kit would interfere with exit device
Packaging: Two (2) each 1/8” (3 mm) shims and appropriate fasteners

4930S Shim Kits
For use with 4500 Series Rim exit devices where a glass bead kit would interfere with exit device
Packaging: Two (2) each 1/8” (3 mm) shims and appropriate fasteners
EXIT DEVICES

4500 SERIES ACCESSORIES (CONTINUED)

**4932R**

Head Cover
For use with 4500 Series Rim exit device
Packaging: One (1) head cover and four (4) each M4 x 6mm MS

**4937**

36” Extension Rod Kit
For use with 4500 Series Surface Vertical Rod exit device
Packaging: One (1) each 36” (914 mm) extension rod, rod connector, rod guide, plus wood and machine screws
Notes: Threaded on both ends; if cuts are required, cut the standard rod on non-threaded end

**4932S**

Head Cover
For use with 4500 Series Surface Vertical Rod exit device
Packaging: One (1) head cover and four (4) each M4 x 6mm MS

**4936**

24” Extension Rod Kit
For use with 4500 Series Surface Vertical Rod exit device
Packaging: One (1) each 24” (610 mm) extension rod, rod connector, rod guide, plus wood and machine screws
Notes: Threaded on both ends; if cuts are required, cut the standard rod on non-threaded end

**2-649-0166**

Fire Bolt Kit
For use with fire rated 4500 Series Surface Vertical Rod less bottom rod device
Faceplate: 1-25/32” x 1” (45 mm x 25 mm)
Bolt Diameter: 7/16” (11 mm)
Bolt Length: 1-1/2” (38 mm)
Materials: Stainless steel
Packaging: One (1) each fire bolt, plastic plug, head cover plug, and appropriate fasteners
Notes: Required with a fire rated pair of LBR devices to ensure rating

**2-649-0154**

Windstorm Reinforcement Kit
Finishes: N/A
Notes: Must use with 4500 Series Rim device to ensure ANSI A250.13 Severe Windstorm rating
Hager 4600 Series Grade 1 Rim device is designed and engineered for superior performance on narrow stile doors in heavy duty commercial applications. The 4600 Series design compliments aluminum and glass construction and provides excellent durability for a range of applications. The 4600 Series is BHMA certified, UL Listed for up to three hour rated fire doors, meets UL specifications for panic hardware, and is backed by a lifetime warranty.

- 3/4” (18 mm) dead latching, stainless steel, Pullman type latchbolt
- Stainless steel push bar cover
- Extruded aluminum construction
- Fasteners include wood and machine screws, along with thru-bolts
- Compatible with stiles as narrow as 2” (51 mm)
GENERAL INFORMATION
Hager 4600 Series Grade 1 exit device meets Life Safety codes and Fire Safety requirements providing a perfect fit for use in commercial office buildings, medical and educational facilities, as well as hospitality structures.

The 4600 Series Rim device is BHMA-Certified to the requirements of ANSI 156.3 for Grade 1 exit devices and is UL 305 Panic Listed and UL and cUL Listed for up to 3 hour rated fire doors.

Installation Made Easy
For the convenience of our customers, Hager Companies has introduced some new features to the exit device market.
- Thru-bolts are included with every model. Wood and machine screws are also provided standard in every package.
- Slotted strikes speed up installation, allowing the installer to make easy adjustments to align the latch to the strike.
- Non-handed device offers added versatility and means less inventory.
- Escutcheon trim, with the locking mechanism built inside, reduces door preparation by requiring fewer holes in the door.

Shim Kits
Shim kits are available for devices on doors with glass bead kits or other interfacing moldings. Each kit contains two 1/8” (3.2 mm) shims and the appropriate longer fasteners.

Cylinder Dogging
Cylinder dogging is available to replace the standard hex key dogging on panic exit devices. Specify CD on order or purchase 4926 for retrofit applications. Unit requires 1-1/8” (29 mm) mortise cylinder (part number 3902) with standard cam.

Sizing
The exit device is cut for 36” (914 mm) and 48” (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches.

<table>
<thead>
<tr>
<th>Trim Functions</th>
<th>Part Number</th>
<th>Function Description</th>
<th>ANSI Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank Escutcheon</td>
<td>46BE</td>
<td>Always operable (Passage)</td>
<td>14</td>
</tr>
<tr>
<td>Cylinder Escutcheon</td>
<td>46CE</td>
<td>Key locks or unlocks lever</td>
<td>08</td>
</tr>
<tr>
<td>Dummy</td>
<td>46DT</td>
<td>Pull when device is dogged down</td>
<td>02</td>
</tr>
<tr>
<td>Night Latch</td>
<td>46NL</td>
<td>Key retracts latchbolt</td>
<td>03</td>
</tr>
</tbody>
</table>

Applications

Single Door Panic Exit Hardware - Blade Stop Strike (4950) and Frame

Single or Double Door with Panic Exit Hardware - Standard Strike (4920) and Frame

Single or Double Door with Panic Exit Hardware - Semi-Flush Mount Strike (4952) and Mullion
## EXIT DEVICES

### HOW TO ORDER

<table>
<thead>
<tr>
<th>4601</th>
<th>RIM</th>
<th>F</th>
<th>36”</th>
<th>US3</th>
<th>1-3/4”</th>
<th>ELR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Group</strong></td>
<td><strong>Type</strong></td>
<td><strong>Rating</strong></td>
<td><strong>Size</strong></td>
<td><strong>Finish</strong></td>
<td><strong>Door Thickness</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Electric Modifications
- ALK - Alarm Kit
- ALT - Alarm Kit w/ Tamper Switch
- ALM - Alarm Kit w/ Latch Monitor
- ALL - Alarm Kit w/ Tamper Switch and Latch Monitor
- ELR - Electric Latch Retraction
- ELRX - Electric Latch Retraction with Request to Exit
- RX - Request to Exit
- ED - Electric Dogging
- EDRX - Electric Dogging with Request to Exit

### HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

<table>
<thead>
<tr>
<th>46</th>
<th>CE</th>
<th>ARC</th>
<th>US3</th>
<th>1-3/4”</th>
<th>TW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Group</strong></td>
<td><strong>Trim/Function</strong></td>
<td><strong>Lever Style</strong></td>
<td><strong>Finish</strong></td>
<td><strong>Door Thickness</strong></td>
<td><strong>Options</strong></td>
</tr>
</tbody>
</table>

### Notes:
1. Mortise cylinder 3902 with 3976 L cam is required for use with cylinder escutcheon and is sold separately.
2. Rim cylinder with long tailpiece 3901 is required for use with night latch trim and is sold separately.
3. For more cylinder information, please refer to general information in the Locks section of the catalog.
4. If using shim kit, specify total door thickness including shims.

*US32D available for device only. Not available in standard escutcheon trims (46BE, 46CE, 46DT, 46NL).
## 4600 Series

**Grade 1**

**Narrow Stile Rim Device**

**Ideal for heavy duty commercial applications**

- Lifetime warranty
- Thru-bolts supplied standard

### Applications:
Heavy duty commercial

### Certifications:
- BHMA Certified ANSI A156.3
- UL/cUL Listed for up to 3 hours for "A" label doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware
- Hex dogging feature standard on non-fire labeled doors

### Trim:
Archer, August, or Withnell Lever with escutcheon

### Covers:
Stainless steel, zinc

### Chassis:
Aluminum

### End Caps:
Zinc

### Door Width:
- 36" (914 mm) field sizeable to 30" (762 mm) door
- 48" (1219 mm) field sizeable to 36" (914 mm) door

### Door Thickness:
1-3/4" (44 mm) - Standard

### Projection:
- 3" (76 mm) in undogged position
- 2-5/8" (67 mm) in dogged position

### Stile Width:
- 2-1/8" (54 mm) - Minimum stile width required for 1/2" (13 mm) blade stop frame and 4950 blade stop strike
- 3-1/4" (83 mm) - Minimum stile width required for single door, 5/8" (16 mm) stop and 4920 standard strike
- 3-3/4" (95 mm) - Minimum stile width required for double door x mullion x 4920 strike
- 2-3/4" (70 mm) - Minimum stile width required for double doors with 2" (51 mm) mullion and 4952 semi-flush mount strike

- All stile widths are measured from door edge

### Fasteners:
- Wood and machine screws
- Thru-bolts

### Latchbolt:
3/4" (18 mm) throw, pullman type with automatic dead-latching, stainless steel

### Strikes:
- Blade stop (4950) - Standard with panic device
- Fire rated strike (4920F) - Standard with fire rated device
- Standard strike (4920) - Optional
- Single rabbit strike (4951) - Optional
- Semi-flush mount strike (4952) - Optional

### Finishes:

### Notes:
- Cylinder dogging available on non-fire rated devices, specify CD
- 3902 1-1/8" (29 mm) mortise cylinder with 3976 L cam sold separately
- Recommended to be used on appropriately reinforced doors
### Function Number and Description

<table>
<thead>
<tr>
<th>Function Description</th>
<th>Function Number</th>
<th>Function Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provides a remote means of locking or unlocking exit devices.</td>
<td>ELR*</td>
<td>Electric Latch Retraction</td>
</tr>
<tr>
<td>Provides a remote means of locking or unlocking exit devices along with a switch for tying into an alarm system, magnetic locks, or a console.</td>
<td>ELRX*</td>
<td>Electric Latch Retraction with Request to Exit</td>
</tr>
<tr>
<td>Provides continuous latch retraction and dogging simultaneously.</td>
<td>ED*</td>
<td>Electric Dogging</td>
</tr>
<tr>
<td>Provides continuous latch retraction and dogging simultaneously along with a switch for tying into an alarm system, magnetic locks, or a console.</td>
<td>EDRX*</td>
<td>Electric Dogging with Request to Exit</td>
</tr>
<tr>
<td>Used to shunt an alarm, activate an alarm, provide release of magnetic locks, or signal a control console.</td>
<td>RX*</td>
<td>Request to Exit</td>
</tr>
<tr>
<td>Battery operated alarm to discourage unauthorized use of an opening while maintaining a means of egress.</td>
<td>ALK*</td>
<td>Alarm Kit</td>
</tr>
</tbody>
</table>

*Not available with mechanical dogging.*

Note: Latch monitor and tamper switch available with ALK.

---

### Certifications

- BHMA Certified ANSI A156.3 Grade 1
- UL/cUL Listed for up to three hours for "A" label doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware

### Minimum Door Width:

- 36" (914 mm) for electric latch retraction and electric dogging

### Door Thickness:

- 1-3/4" (45 mm) standard

---

### Product Description

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2901</td>
<td>For use with 4600 Series electric latch retraction</td>
</tr>
<tr>
<td>2902</td>
<td>For use with 4600 Series electric latch retraction in a day/night mode of operation</td>
</tr>
<tr>
<td>2903</td>
<td>Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls, card reader, keypads, and other door controls</td>
</tr>
<tr>
<td>2904</td>
<td>Provides power and control for openings with an electrified locking device and automatic door operator</td>
</tr>
</tbody>
</table>

Note: Must use Hager 2901 or 2902 to power electric latch retraction.
EXIT DEVICES

4600 SERIES ESCUTCHEON TRIM

46BE
Blank Escutcheon
Function: 14 - Always operable (passage)
Levers: Archer, August, Withnell
Projection: 2-5/8” (67 mm) for Archer; 2-21/32” (67 mm) for August; 2-15/32” (63 mm) for Withnell
Escutcheon: 1-11/16” x 7-7/8” (43 mm x 200 mm)

46CE
Cylinder Escutcheon
Function: 08 - Key locks or unlocks lever
Levers: Archer, August, Withnell (clutching lever)
Projection: 2-5/8” (67 mm) for Archer; 2-21/32” (67 mm) for August; 2-15/32” (63 mm) for Withnell
Escutcheon: 1-11/16” x 7-7/8” (43 mm x 200 mm)
Cylinder: Mortise cylinder, 3902 with 3976 L cam, sold separately

46DT
Dummy Trim
Function: 02 - Pull when device is dogged down
Levers: Archer, August, Withnell
Projection: 2-5/8” (67 mm) for Archer; 2-21/32” (67 mm) for August; 2-15/32” (63 mm) for Withnell
Escutcheon: 1-11/16” x 7-7/8” (43 mm x 200 mm)

46NL
Night Latch
Function: 03 - Key retracts latchbolt
Levers: Archer, August, Withnell (rigid lever)
Projection: 2-5/8” (67 mm) for Archer; 2-21/32” (67 mm) for August; 2-15/32” (63 mm) for Withnell
Escutcheon: 1-11/16” x 7-7/8” (43 mm x 200 mm)
Cylinder: Rim cylinder, 3901, with long tailpiece sold separately
EXIT DEVICES

4600 SERIES ESCUTCHEON TRIM - LEVER OPTIONS

AR Cher LEVER

AUGUST LEVER

WITHNELL LEVER
EXIT DEVICES

4600 SERIES STRIKES

4920
Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D
Notes: For standard surface mounted applications

4920F
Fire Rated Strike
Included standard with 4600 Series Fire Rated Rim exit device
Finishes: US32D
Notes: For standard surface mounted applications

4950
Blade Stop Strike
Included standard with 4600 Series Rim exit device
Finishes: US32D

4951
Single Rabbit Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D

4952
Semi-Flush Mount Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D

4600 SERIES ACCESSORIES

4925
Cylinder Dogging Conversion Kit
Packaging: One (1) each dogging plate, cylinder collar, cash box nut
Notes:
• Mortise cylinder, 3902, sold separately
• Specify 36” (914 mm) or 48” (1219 mm)

4960R
Shim Kit
To be used with 4600 Series Rim exit device where a glass bead kit would interfere with exit device
Packaging: Two (2) each 1/8” (3 mm) shims and appropriate fasteners

4965
Head Cover
For use with 4600 Series Rim exit device
Packaging: One (1) head cover and four (4) each M4 x 6mm MS
Hager 4700 Series exit device is ideal for standard duty commercial applications. It is UL listed for up to 3 hours (Rim) or 1-1/2 hours (SVR) fire doors, meets UL specifications for panic hardware, and is Severe Windstorm Resistant approved (Rim device only). It is constructed with die cast head covers and is packaged for convenience and versatility with thru-bolts included.

Die cast head cover

3/4" (18 mm) dead latching, stainless steel, Pullman type latchbolt

Fasteners include wood and machine screws, along with thru-bolts
GENERAL INFORMATION
Hager’s 4700 Series exit devices meet Life Safety codes and Fire Safety requirements providing a perfect fit for use in light commercial and standard duty applications. The 4700 Series is UL305 Panic Listed and UL and cUL listed for up to 3 hour rated fire doors for the Rim device and 1-1/2 hours for the Surface Vertical Rod device. The 4700 Series Rim device also meets the requirements of ANSI A250.13 to be listed as a Severe Windstorm Resistant Component. The 4700 Series has a five-year warranty for devices and trims.

Installation Made Easy
For the convenience of our customers, Hager Companies has introduced some new features to the exit device market.

• Thru-bolts are included with every model. Wood and machine screws are also provided standard in every package.
• Slotted strikes speed up installation, allowing the installer to make easy adjustments to align the latch to the strike.
• Escutcheon trim, with the locking mechanism built inside, reduces door preparation by requiring fewer holes in the door.

Shim Kits
Shim kits are available for devices on doors with glass bead kits or other interfacing moldings. Each kit contains two 1/8" (3.2 mm) shims and the appropriate longer fasteners.

Sizing
The exit device is cut for 36” (914 mm) and 48” (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches. The surface vertical rod devices are supplied for an 84” (2134 mm) opening standard, but can be ordered for a 96” (2438 mm) opening. Extension rods are available to accommodate openings taller than 96” (2438 mm) up to 120” (3048 mm).

<table>
<thead>
<tr>
<th>Trim Functions</th>
<th>Part Number</th>
<th>Function Description</th>
<th>ANSI Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank Escutcheon</td>
<td>47BE 47KP</td>
<td>Always operable (Passage)</td>
<td>14</td>
</tr>
<tr>
<td>Cylinder Escutcheon</td>
<td>47CE 47KE</td>
<td>Key locks or unlocks lever</td>
<td>08</td>
</tr>
<tr>
<td>Dummy</td>
<td>47DT 47KD 47RD</td>
<td>Pull when device is dogged down (specify handing when ordering)</td>
<td>02</td>
</tr>
<tr>
<td>Night Latch</td>
<td>47NL 47KN 47PN 47RN</td>
<td>Key retracts latchbolt (specify handing when ordering)</td>
<td>03</td>
</tr>
</tbody>
</table>
# EXIT DEVICES

## 4700 SERIES

### HOW TO ORDER

<table>
<thead>
<tr>
<th>4701</th>
<th>RIM</th>
<th>F</th>
<th>36&quot;</th>
<th>US3</th>
<th>1-3/4&quot;</th>
</tr>
</thead>
</table>
| **Type** | RIM - Rim Device  
SVR - Surface Vertical Rod | | | | |
| **Product Group** | 4700 Series, Standard Duty | | | | |
| **Rating** | FR - Fire Rated  
0 - Non-Fire Rated  
WR - Windstorm Rated (Rim device only) | | | | |
| **Size** | | | | | |
| **Door Thickness** | | | | | |
| **Finish** | US3  
US32D  
ALM  
DBZ | | | | |

### HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

<table>
<thead>
<tr>
<th>47</th>
<th>CE</th>
<th>RH</th>
<th>ARC</th>
<th>US3</th>
<th>1-3/4&quot;</th>
<th>TW</th>
</tr>
</thead>
</table>
| **Trim/Function** | CE - Cylinder Escutcheon  
BE - Blank Escutcheon  
NL - Night Latch  
DT - Dummy Trim  
KD - Key in Lever - Dummy Trim  
KE - Key in Lever - Entrance  
KN - Key in Lever - Night Latch  
KP - Key in Lever - Passage  
PD - Pull Plate Dummy Trim  
PN - Pull Plate Night Latch  
RD - Raised Lip Pull - Dummy Trim  
RN - Raised Lip Pull - Night Latch | | | | | |
| **Lever Style** | ARC - Archer  
AUG - August  
WTN - Withnell | | | | | |
| **Handing** | RH - Right Handed / LHR  
LH - Left Handed / RHR | | | | | |
| **Product Group** | 47 - 4700 Series, Standard Duty | | | | |
| **Door Thickness** | 1-3/4" (Standard)  
2"  
2-1/4" | | | | |
| **Finish** | US3  
US32D  
ALM  
DBZ | | | | |
| **Options** | TW - Tactile Warning | | | | |

**Notes:**
1. Handing is required for the 4700 Series trim.
2. Mortise cylinder 3902 is required for use with cylinder escutcheon and is sold separately.
3. For more cylinder information, please refer to General Information in the lock section of the catalog.
4. If using shim kit, specify total door thickness including shims.
**EXIT DEVICES**

---

**4700 Series**  
Standard Duty  
Rim Device  
Ideal for light commercial and standard duty applications

- Five-year warranty  
- Thru-bolts supplied standard

Applications:  
- Light commercial  
- Standard duty commercial

Certifications:  
- UL305 Listed for panic hardware  
- UL/cUL Listed for up to 3 hours for "A" label fire doors  
- UL10C/UBC 7-2 (1997) Positive Pressure Rated  
- UL10B Neutral Pressure Rated  
- ANSI A250.13 Severe Windstorm Resistant Component (Rim device only)  
- Complies with ANSI 117.1 for accessible buildings and facilities  
- Hex dogging feature standard on non-fire rated panic doors

Trim:  
- Archer, August, or Withnell lever with escutcheon  
- Archer, August, Withnell lever with key-in-lever trim  
- Raised lip pull  
- Pull plate trim  
- Rim cylinder x optional pull

Covers:  
- Casted brass, bronze, stainless steel, zinc

Chassis:  
- Painted steel, plated steel, stainless steel

End Caps:  
- Painted steel, plated steel, stainless steel

Door Width:  
- 36” (914 mm) field sizeable to 30” (762 mm) door  
- 48” (1219 mm) field sizeable to 36” (914 mm) door

Door Thickness:  
- 1-3/4” (44 mm) - Standard

Projection:  
- 2-7/16” (62 mm) in undogged position  
- 1-3/16” (30 mm) in dogged position

Stile Width:  
- 4-1/2” (114 mm) - Minimum stile width required for single door and 5/8” (16 mm) stop  
- 4-1/2” (114 mm) - Minimum stile width required for double door x surface vertical rod device with double door strike  
- 5” (127 mm) - Minimum stile width required for double doors with 2” (51 mm) mullion  
- All stile widths are measured from door edge

Fasteners:  
- Wood and machine screws  
- Thru-bolts

Latchbolt:  
- 3/4” (19 mm) throw, pullman type with automatic dead-latching, stainless steel

Strikes:  
- Stainless steel with roller - Included standard with panic and fire rated devices  
- Surface applied to frame with slotted holes for easy adjustment  
- Optional double door strike for use with surface vertical rod and rim devices

Finishes:  
- US3, ALM, DBZ, US32D

Notes:  
- Cylinders sold separately  
- Recommended to be used on appropriately reinforced doors
4700 Series
Standard Duty
Surface Vertical Rod Device
Ideal for light commercial and standard duty applications

- Five-year warranty
- Thru-bolts supplied standard

Applications:
- Light commercial
- Standard duty commercial

Certifications:
- UL305 Listed for panic hardware
- UL/cUL Listed for up to 1-1/2 hours for “A” label fire doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- Complies with ANSI 117.1 for accessible buildings and facilities
- Hex dogging feature standard on non-fire rated panic doors

Trim:
- Archer, August, or Withnell lever with escutcheon
- Archer, August, Withnell lever in key-in-lever trim
- Raised lip pull
- Pull plate trim
- Rim cylinder x optional pull

Covers:
- Casted brass, bronze, stainless steel, zinc

Chassis:
- Painted steel, plated steel, stainless steel

End Caps:
- Painted steel, plated steel, stainless steel

Door Width:
- 36” (914 mm) field sizeable to 30” (762 mm) door
- 48” (1219 mm) field sizeable to 36” (914 mm) door

Door Height:
- 7’ (2134 mm) - Standard
- 8’ (2438 mm) - Optional
- 10’ (3048 mm) - Optional (with use of extension rods) - Panic only

Door Thickness:
- 1-3/4” (44 mm) - Standard

Projection:
- 2-7/16” (62 mm) in undogged position
- 1-3/16” (30 mm) in dogged position

Stile Width:
- 4-1/2” (114 mm) - Minimum stile width required for single door and 5/8” (16 mm) stop
- 4” (102 mm) - Minimum stile width required for double doors
- 4-1/2” (114 mm) - Minimum stile width required for double door x Rim device with double door strike
- All stile widths are measured from door edge

Fasteners:
- Wood and machine screws
- Thru-bolts

Latchbolt:
- Top - 3/8” (9 mm) throw, with automatic dead-latching, stainless steel
- Bottom - 3/8” (9 mm) throw, held retracted during door swing, stainless steel

Rod Length:
- Rods for 7’ (2134 mm) door - Standard
- Rods for 8’ (2438 mm) door - Optional
- Door height of 6’ 8” (2032 mm) requires 31-1/4” (794 mm) top rod length
- Door height of 7’ (2134 mm) requires 35-1/4” (895 mm) top rod length
- Door height of 8’ (2438 mm) requires 47-1/4” (1200 mm) top rod length
- Extension rods available, 2’ (610 mm) or 3’ (914 mm) for doors over 7’ (2134 mm).

Strikes:
- Stainless steel with plated roller - Included Standard
- Surface applied to frame with slotted holes for easy adjustment
- Optional double door strike for use with surface vertical rod and rim devices
- Optional threshold strike for use with saddle threshold

Finishes:
- US3, ALM, DBZ, US32D

Notes:
- Recommended to be used on appropriately reinforced doors
EXIT DEVICES

4700 SERIES ESCUTCHEON TRIM

47BE
Blank Escutcheon
Function: 14 - Always operable (Passage)
Levers: Archer, August, Withnell
Projection: 2-7/8” (73 mm) for Archer; 2-7/8” (73 mm) for August; 2-3/4” (70 mm) for Withnell
Escutcheon: 2-5/8” x 8” (67 mm x 203 mm)
Finishes: ALM, DBZ, US3, US32D
Handing: Specify when ordering

47CE
Cylinder Escutcheon
Function: 08 - Key locks or unlocks lever
Levers: Archer, August, Withnell
Projection: 2-7/8” (73 mm) for Archer; 2-7/8” (73 mm) for August; 2-3/4” (70 mm) for Withnell
Escutcheon: 2-5/8” x 8” (67 mm x 203 mm)
Finishes: ALM, DBZ, US3, US32D
Cylinder: Requires the use of a mortise cylinder, 3902, sold separately
Handing: Specify when ordering

47DT
Dummy Trim
Function: 02 - Pull when device is dogged down
Levers: Archer, August, Withnell
Projection: 2-7/8” (73 mm) for Archer; 2-7/8” (73 mm) for August; 2-3/4” (70 mm) for Withnell
Escutcheon: 2-5/8” x 8” (67 mm x 203 mm)
Finishes: ALM, DBZ, US3, US32D
Handing: Specify when ordering

47NL
Night Latch
Function: 03 - Key retracts latchbolt
Levers: Archer, August, Withnell
Projection: 2-7/8” (73 mm) for Archer; 2-7/8” (73 mm) for August; 2-3/4” (70 mm) for Withnell
Escutcheon: 2-5/8” x 8” (67 mm x 203 mm)
Finishes: ALM, DBZ, US3, US32D
Cylinder: Requires the use of a mortise cylinder, 3902, sold separately
Handing: Specify when ordering
4700 SERIES ESCUTCHEON TRIM - LEVER OPTIONS

ARCHE LEVER

AUGUST LEVER

WITHNELL LEVER
4700 SERIES KEY-IN-LEVER TRIM

47KD
Key in Lever Dummy Trim
Function: 02 - Entrance by trim when actuating bar is locked down
Levers: Archer, August, Withnell
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell
Rose Diameter: 3-3/8" (86 mm)
Finishes: ALM, DBZ, US3, US32D

47KE
Key in Lever Entrance
Function: 08 - Entrance by trim; key locks or unlocks trim
Levers: Archer, August, Withnell
Knob: Apollo
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell;
3-1/8" (79 mm) for Apollo
Rose Diameter: 3-3/8" (86 mm)
Cylinder: • Standard core, C keyway - Standard
• Small Format Interchangeable Core housing available for levers only, cylinder sold separately, 3981
Keys: Two (2) brass keys per lock

47KN
Key in Lever Night Latch
Function: 03 - Entrance by trim when latch bolt is released by key; key is removable when locked
Levers: Archer, August, Withnell
Knob: Apollo
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell;
3-1/8" (79 mm) for Apollo
Rose Diameter: 3-3/8" (86 mm)
Cylinder: • Standard core, C keyway - Standard
• Small Format Interchangeable Core housing available for levers only, cylinder sold separately, 3981
Keys: Two (2) brass keys per lock

47KP
Key in Lever Passage
Function: 14 - Entrance by trim when latch bolt is released by lever; always active, no cylinder
Levers: Archer, August, Withnell
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell
Rose Diameter: 3-3/8" (86 mm)
Finishes: ALM, DBZ, US3, US32D
4700 SERIES KEY-IN-LEVER TRIM - LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

APOLLO KNOB
EXIT DEVICES

4700 SERIES PULL PLATE TRIM

47PD
Dummy Trim
Function: 02 - Pull when device is dogged down
Projection: 1-3/4” (44.5 mm)
Escutcheon: 3” x 11” (76 mm x 279 mm)
Pull CTC: 5-1/2” (140 mm)
Finishes: ALM, DBZ, US3, US32D

47PN
Night Latch
Function: 03 - Key retracts latchbolt
Projection: 1-3/4” (44.5 mm)
Escutcheon: 3” x 11” (76 mm x 279 mm)
Pull CTC: 5-1/2” (140 mm)
Finishes: ALM, DBZ, US3, US32D
Cylinder: Requires the use of a rim cylinder, 3901, sold separately
Notes: Supplied with retaining cup for use with 161 door prep

4700 SERIES RAISED LIP TRIM

47RD
Raised Lip Pull Dummy
Function: 02 - Pull when device is dogged down
Size: 3” x 7-3/4” (76 mm x 197 mm)
Projection: 1” (25 mm)
Finishes: ALM, DBZ, US3, US32D

47RN
Raised Lip Pull Night Latch
Function: 03 - Key retracts latchbolt
Size: 3” x 7-3/4” (76 mm x 197 mm)
Projection: 1” (25 mm)
Finishes: ALM, DBZ, US3, US32D
Cylinder: Requires the use of a Rim cylinder, 3901, sold separately
Notes: Must purchase retaining cup, 2-649-0137, separate for 161 door prep
**EXIT DEVICES**

### 4700 SERIES STRIKES

**4910 Strike**
- Included standard with 4700 Series Rim exit device
- Finishes: US32D

**4911 Double Door Strike**
- Optional strike for use with 4700 Series Surface Vertical Rod and Rim exit device
- Finishes: US32D

**4913 Top Strike**
- Included standard with 4700 Series Surface Vertical Rod exit device
- Finishes: US32D
- Note: Can be used for both panic and fire rated surface vertical rod devices

**4914 Bottom Strike**
- Included standard with 4700 Series Surface Vertical Rod exit device
- Finishes: US32D

**4915 Threshold Strike**
- Optional strike for use with surface vertical rod exit device and saddle threshold
- Finishes: US32D

### 4700 SERIES ACCESSORIES

**4917 Bottom Latch Assembly**
- For use with 4700 Surface Vertical Rod exit device
- Finishes: US3, ALM, DBZ, US32D
- Packaging: One (1) bottom latch with cover and appropriate fasteners

**4918 Top Latch Assembly**
- For use with 4700 Surface Vertical Rod exit device
- Finishes: US3, ALM, DBZ, US32D
- Packaging: One (1) top latch with cover and appropriate fasteners

**4919 Top Rod Replacement Kit**
- For use with 4700 Surface Vertical Rod exit device
- Finishes: US3, ALM, DBZ, US32D
- Packaging: One (1) each 47-1/4” (1200 mm) rod, rod guide, rod connector assembly, and appropriate fasteners

**4931R Shim Kit**
- To be used with 4700 Rim exit devices where a glass bead kit or molding would interfere with exit device
- Finishes: US3, ALM, DBZ, US32D
- Packaging: Two (2) each 1/8” (3 mm) shims and appropriate fasteners
EXIT DEVICES

4700 SERIES ACCESSORIES (CONTINUED)

**4931S**
Shim Kits
To be used with 4700 Series Surface Vertical Rod exit devices where a glass bead kit or molding would interfere with exit device
Finishes: US3, ALM, DBZ, US32D
Packaging: Two (2) each 1/8" (3 mm) shims and appropriate fasteners

**4933R**
Head Cover
For use with 4700 Series Rim exit device
Finishes: US3, ALM, DBZ, US32D
Packaging: One (1) head cover with four (4) each M4 x 6 mm MS

**4933S**
Head Cover
For use with 4700 Series Surface Vertical Rod exit device
Finishes: US3, ALM, DBZ, US32D
Packaging: One (1) head cover with four (4) each M4 x 6 mm MS

**4934**
Non-Fire Rated Dogging Plate
For use with 4700 Series exit devices
Finishes: US3, ALM, DBZ, US32D
Packaging: One (1) each dogging plate and hex key

**4934F**
Fire Rated Dogging Plate
For use with 4700 Series exit devices
Finishes: US3, ALM, DBZ, US32D

**4936**
24" Extension Rod Kit
For use with 4700 Series Surface Vertical Rod exit device
Finishes: US3, ALM, DBZ, US32D
Packaging: One (1) each 24" (610 mm) extension rod, rod connector, rod guide, plus wood and machine screws
Notes: Threaded on both ends; if cuts are required, cut the standard top rod on non-threaded end.

**4937**
36" Extension Rod Kit
For use with 4700 Series Surface Vertical Rod exit device
Finishes: US3, ALM, DBZ, US32D
Packaging: One (1) each 36" (914 mm) extension rod, rod connector, rod guide, plus wood and machine screws
Notes: Threaded on both ends; if cuts are required, cut the standard top rod on non-threaded end.
Hager 4900 Series offers both a keyed removable mullion and a non-keyed removable mullion. Both are designed for use on double door openings with rim devices—providing increased security and tighter closure, while providing easy adaptation for full width access. Our 4900 Series consists of a mullion, top and bottom brackets, and screw pack. It is UL listed for 3 hours on fire rated pairs of doors up to 8 feet by 8 feet.

- Latching head allows mullion to be removed in seconds; mullion can be locked into place without use of key
- Utilizes standard rim cylinder
- 2" x 3", 11 gauge steel tube with primecoat
- 1/2" (13 mm) and 5/8" (16 mm) shims supplied standard

Keyed Removable Mullion
### HOW TO ORDER

<table>
<thead>
<tr>
<th>Product Group</th>
<th>Fire Rating</th>
<th>Size</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>4900 Series, Mullions</td>
<td>F - Fire Rated</td>
<td>84&quot;</td>
<td>USP</td>
</tr>
<tr>
<td></td>
<td>O - Non-Fire Rated</td>
<td>96&quot;</td>
<td>USP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10' (120&quot;)</td>
<td>USP</td>
</tr>
</tbody>
</table>

**Type**
- T - Keyed Removable Mullion
- U - Non-Keyed Removable Mullion

**Notes:**
1. Keyed removable mullion requires cylinder, 3901, sold separately.
2. Fire rated strike and hook kits sold separately (4912 for use with 4500 Series fire rated exit device and mullion or 4916 for use with 4700 Series fire rated exit device and mullion).
3. Stabilizer kit, 4953, sold separately.
**EXIT DEVICES**

**4900 Series**

**Keyed Removable Mullion**

- **One-year warranty**
- **Key removable**
- **Shim kits supplied standard**

**Applications:** For use with 4500 Series and 4700 Series Rim exit devices on non-fire and fire rated pairs of doors

**Certifications:** UL/cUL/Warnock Hersey listed for fire rated pairs of doors up to 8’ (2438 mm) X 8’ (2438 mm)

**Mullion:** 2” x 3” (51 mm x 76 mm) – 11 gauge steel tube

**Cylinders:**
- Solid brass 6-pin rim cylinders, 3901, sold separately
- Conventional cylinder, C keyway - Standard
- Small Format Interchangeable Core sold separately

**Top Fitting:**
- Dead latch on fire rated device
- Latching head allows the mullion to be removed in seconds
- Mullion can be locked in place without the use of a key

**Fasteners:**
- Four (4) 8 - 32 x 3/4” (19 mm) FPHMS
- Four (4) 5/16” - 18 x 5/8” (16 mm) FPHMS
- Two (2) 5/16” - 18 x 1-1/2” (38 mm) FPHMS
- Two (2) 3/8” Wedge anchors

**Shims:**
- 1/2” (13 mm) and 5/8” (16 mm) shims included (top)
- 1/8” (4 mm) shims included (bottom)

**Strikes:**
- Non-fire rated mullions use standard Rim strike supplied with exit device
- Fire rated strike and hook kit, 4912 (4500 Series) or 4916 (4700 Series), must be purchased separately

**Finishes:** USP – grey primer only

---

**4900T**

**Non-Fire Rated Keyed Removable Mullion Set**

- **Certification:** Non-fire rated
- **Dimensions:** 84” (2134 mm), 96” (2438 mm), 120” (3048 mm)
- **Material:** 11 gauge steel tube

**4900TF**

**Fire-Rated Keyed Removable Mullion Set**

- **Certification:** UL fire rated
- **Dimensions:** 84” (2134 mm), 96” (2438 mm)
- **Material:** 11 gauge steel tube
EXIT DEVICES

4900T CYLINDERS

3901 Rim Cylinder
Fixed cylinder standard and Small Format Interchangeable Core both sold separately. For more cylinder information, please refer to the lock section in this catalog.

4900T ACCESSORIES

4902 Top/Bottom Bracket Set
Certification: Non-fire rated
Function: Keyed Removable
Materials: Steel
Fasteners: Two (2) each MS #5/16 -18 x 1-1/2” FHP stainless; four (4) each MS #8-32 x 3/4” 100 degree FHP; four (4) each MS #5/16-18 x 5/8” FHP stainless zinc plated
Cylinder: Rim cylinder, 3901, sold separately

4902F Fire-Rated Top/Bottom Bracket Set
Certification: Fire rated
Function: Keyed removable
Materials: Steel
Fasteners: Two (2) each MS #5/16 - 18 x 1-1/2” FHP stainless; four (4) each MS #10 x 1” Type A FHP undercut stainless; four (4) each MS 10 - 24 x 5/8” FHP undercut stainless; four (4) each MS #5/16 - 18 x 5/8” FHP stainless zinc plated
Cylinder: Rim cylinder, 3901, sold separately

4907 Mullion Tube
Certification: Fire-rated up to 96” (2438 mm)
Dimensions: 84” (2134 mm), 96” (2438 mm), 120” (3048 mm)
Finishes: USP grey primer
Materials: Steel

4912 Fire Rated Strike and Hook Kit for 4500 Series
Finishes: US32D
Notes: Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating

4916 Fire Rated Strike and Hook Kit for 4700 Series
Finishes: US32D
Notes:
• Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating
• For use with 4900NKR mullion only

4953 Mullion Stabilizer Kit
Finishes: US32D
Notes: For use with mullion and exit devices for added security
**4900 Series**

**Non-Keyed Removable Mullion**

- **One-year warranty**
- **Shim kits supplied standard**

**Applications:** For use with 4500 Series and 4700 Series Rim exit devices on non-fire and fire rated pairs of doors

**Certifications:** UL/cUL Listed for fire rated pairs of doors up to 8’ (2438 mm) X 8’ (2438 mm)

**Mullion:** 2” (51 mm) x 3” (76 mm) – 11 gauge steel tube

**Fasteners:**
- Four (4) each 5/16” - 18 x 5/8” FHPMS (top bracket)
- Two (2) each 5/16” - 18 x 1-1/2” FHMS (bottom bracket)*
- Four (4) each 5/16” - 18 x 1-1/2” FHMS (top bracket)
- Two (2) each 1/4” - 20 x 1-1/4” FHMS (top fitting)
- Two (2) each 1/4” - 20 thru bolts (top fitting)
- Two (2) #10 - 24 x 3/8” FHPMS (top fitting)
- One (1) 1/4 - 20 x 3/16” set screw (top fitting)

* Fire rated device - 5/16” - 18 x 1-1/4” FHMS

**Shims:**
- Two (2) each 1/2” (13 mm) and 5/8” (16 mm) shims included (top)
- Two (2) 1/16” (1.6 mm) shims included (bottom)

**Strikes:**
- Non-fire rated mullions use standard Rim strike supplied with exit device
- Fire rated strike and hook kit, 4912 (4500 Series), or 4916 (4700 Series), must be purchased separately

**Finishes:** USP – grey primer only

**Notes:** Mullion easily removed by loosening top and bottom screws

---

**4900U**

**Non-Fire Rated Non-Keyed Removable Mullion Set**

- **Certification:** Non-fire rated
- **Dimensions:** 84” (2134 mm), 96” (2438 mm), 120” (3048 mm)
- **Material:** 11 gauge steel tube

**4900UF**

**Fire-Rated Non-Keyed Removable Mullion Set**

- **Certification:** UL fire rated*
- **Dimensions:** 84” (2134 mm), 96” (2438 mm)
- **Material:** 11 gauge stainless steel tube
EXIT DEVICES

4900U ACCESSORIES

4904
Top/Bottom Bracket Set
Certification: Non-fire rated
Function: Non-keyed removable
Materials: Steel

4904F
Fire-Rated Top/Bottom Bracket Set
Certification: Fire-rated
Function: Non-keyed removable
Materials: Steel

4905
Mullion Tube
Certification: Fire-rated
Dimensions:
• 84” (2134 mm)
• 96” (2438 mm)
• 120” (3048 mm)
Finish: USP grey primer
Materials: Steel
Notes: 120” (3048 mm) not fire rated

4912
Fire Rated Strike and Hook Kit for 4500 Series
Finish: US32D
Notes: Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating

4916
Fire Rated Strike and Hook Kit for 4700 Series
Finish: US32D
Notes: Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating

4953
Mullion Stabilizer Kit
Finish: US32D
Notes: For use with mullion and exit devices for added security